MANUAL

EM7050 – eSATA/SATA hard disk enclosure

WWW.EMINENT-ONLINE.COM

EM7050 – eSATA/SATA hard disk enclosure

Warnings and points of attention

Repairing of the product should be done by qualified Eminent staff!

Table of contents

1.0 Introduction 2
1.1 Functions and features 2
1.2 Packing contents 3
2.0 Mounting a hard disk 3
3.0 Connecting the EM7050 using the USB cable 3
4.0 Connecting the EM7050 using the eSATA bracket 4
4.1 Installing the eSATA bracket 4
4.2 Connecting the EM7050 4
5.0 Preparing your hard disk for usage 5
5.1 Windows 2000/XP/Vista 5
5.2 Windows 7 5
5.3 Mac OS X 6
6.0 Frequently asked questions 6
7.0 Service and support 7
8.0 Warranty conditions 7
9.0 Declaration of Conformity 7

1.0 Introduction

Congratulations with the purchase of this high-quality Eminent product! This product has undergone extensive testing by Eminent's technical experts. Should you experience any problems with this product, you are covered by a five-year Eminent warranty. Please keep this manual and the receipt in a safe place.

Register your product now on www.eminent-online.com and receive product updates!

1.1 Functions and features

The Eminent EM7050 is a combined 3,5 inch eSATA/SATA enclosure. The EM7050 enables you to make backups or copy data. Thanks to the USB 2.0 interface, copying or backing up your data will be done at a blistering 480Mbps! The EM7050 ensures the safety of your hard disk thanks to the solid housing. Installing the hard disk into the enclosure is very easy, enabling you to use your hard disks anytime, anywhere. Besides using USB 2.0, you can also use the supplied eSATA bracket, which allows you to reach a blistering transfer speed of 3Gbps!

1.2 Packing contents

The following parts need to be present in the packing:

- EM7050 eSATA/SATA hard disk enclosure
- Mounting foot
- eSATA bracket
- eSATA cable
- USB cable
- Power supply
- Power cord
- 4 hard disk mounting screws
- 2 housing screws
- Screwdriver

2.0 Mounting a hard disk

The EM7050 is a combined eSATA/SATA hard disk enclosure. This means both eSATA and SATA interfaces are supported. During the following steps we will explain how to install a SATA hard disk into the enclosure.

1. Carefully take the back plate of the casing.
2. Pull the front out of the casing, and then slide the cradle out.
3. Connect the SATA hard disk to the SATA connector in the cradle and place the hard disk into the cradle.
4. Screw the four hard disk mounting screws onto the holes on left and right side of the cradle with the hard disk.
5. Slide the cradle back into the casing.
6. Once the cradle has been fit, press the back plate back onto the casing and use the two supplied screws to fix the back plate tightly on the casing.

3.0 Connecting the EM7050 using the USB cable

When using Windows 2000/XP/Vista/7 and Mac OS X, no additional driver are required. These operating systems have a built in driver which enables the enclosure to be installed automatically.

1. Connect the power cord to the ‘Power’ connection on the casing.
2. Connect the USB cable to the ‘USB’ connection on the casing.
3. Connect the power cord to the power supply and connect the power supply to a wall outlet.
4. Connect the USB cable to a free USB port of your computer.

5. Make sure the power switch is set to ‘1’ to start the device.
6. Your computer will automatically recognize the device and usually will find a ‘USB mass storage device’.

4.0 Connecting the EM7050 using the eSATA bracket

The EM7050 is equipped with an additional eSATA connection. Also, an eSATA bracket is supplied. Using this bracket, you will be able to copy and back-up your data significantly faster compared to USB 2.0. Where USB 2.0 is limited to a transfer speed of 480 Mbps, (e)SATA delivers a transfer rate up to 3Gbps!

Use the following steps to install the supplied bracket and to connect the EM7050.

4.1 Installing the eSATA bracket

1. Make sure you have a Phillips screw driver.
2. Also, make sure your computer is completely turned off.
3. Remove all cables from the computer housing to prevent damage to the cables.
4. Carefully remove the screws at the back side of the computer housing.
5. Remove the cover from your computer.
6. Look for a free expansion slot at the back side of the computer.
7. Remove the metal lid if necessary.
8. Now place the bracket on the free spot.
9. Mount the bracket by screwing down the bracket tightly using your Phillips screwdriver.
10. Connect the SATA cable to the SATA controller which is available on the main board of the computer.
11. Place back the cover of your computer and secure the cover.
12. Connect the cables again.

Attention! Connecting this bracket requires some knowledge of computer hardware. If you have never installed computer hardware before, be careful or let someone with hardware expertise install this hardware for you. This way, you will prevent damage to your computer and Eminent hardware.

4.2 Connecting the EM7050

1. Connect the power cord to the ‘Power’ connection on the casing.
2. Connect the eSATA cable to the eSATA connection on the casing.
3. Connect the power cord to the power supply.
4. Connect the eSATA cable to the eSATA bracket on your computer.
5. Make sure the power switch is set to ‘1’ to start the device.
6. Your computer will automatically recognize the device.

Note: There is no need to connect the USB cable when using the eSATA connection.

5.0 Preparing your hard disk for usage

The following steps are only needed when using a new hard disk!

5.1 Windows 2000/XP/Vista

1. Right click the 'My Computer' icon.
2. Click 'Manage'.
3. Select the option 'Disk Management' from the left side of the screen.
4. Right click the new hard disk.
5. Click 'Initialize'.
6. Click 'Ok'.
7. Right click the new hard disk.
8. Click 'New Partition'.
9. Click 'Next'.
10. Click 'Next'.
11. Click 'Next'.
12. Choose the desired partition format (Note: when using FAT32 the partition size is limited to 32GB).
13. Click 'Next'.
14. Select the drive letter you wish to assign to this partition (this is not required).
15. Click 'Next'.
16. Select the desired file system: 'FAT32' or 'NTFS'.

Attention! If you only use the hard disk on a Windows 2000/XP/Vista or Windows 7 system, we recommend you to use the NTFS file system. If you use the disk on both Windows and Mac systems, you can choose 'FAT32' as file system.

17. Enter a name for the new partition at the 'Volume label' field.
18. Check the checkbox near 'Quick format'.
19. Click 'Next'.
20. Click 'Finish'.

5.2 Windows 7

1. Click 'Start'.
2. Right-click the 'Computer' icon.
3. Choose 'Manage'.
4. Select 'Disk Management' from the left of the screen.
5. Right click the new hard disk.
6. Click 'Initialize'.
7. Click 'Ok'.

8. Right click the new hard disk.
9. Click ‘New Partition’.
10. Click ‘Next’.
11. Click ‘Next’.
12. Click ‘Next’.
13. Choose the desired partition format (Note: when using FAT32 the partition size is limited to 32GB).
14. Click ‘Next’.
15. Select the drive letter you wish to assign to this partition (this is not required).
16. Click ‘Next’.
17. Select the desired file system: ‘FAT32’ or ‘NTFS’.

Attention! If you only use the hard disk on a Windows 2000/XP/Vista or Windows 7 system, we recommend you to use the NTFS file system. If you use the disk on both Windows and Mac systems, you can choose ‘FAT32’ as file system.

18. Enter a name for the new partition at the 'Volume label' field.
19. Check the checkbox near ‘Quick format’.
20. Click ‘Next’.
21. Click ‘Finish’.

5.3 Mac OS X

1. Open ‘Finder’ in your Dock by clicking on it.
2. Click ‘Applications’ at the left menu of the Finder.
3. Click the ‘Utilities’ folder at the right part of the Finder.
4. Click the ‘Disk Utility’ icon at the right part of the Finder.
5. Select the new USB disk at the left list of the Disk Utility.
6. Click the ‘Partition’ tab at the right part of the Disk Utility.
7. Select ‘1 partition’ as partitioning scheme.

Attention! If you only use the hard disk on Mac OSX systems, we recommend you to use ‘Mac OS X Extended’ as desired file system. If you use the disk on both Mac and Windows systems, you can choose ‘FAT32’ as file system.

8. Click the ‘Partition’ button to partition the disk.
9. After a few minutes, the partitioning should be completed.

6.0 Frequently asked questions

Q: I have formatted the hard disk using the ‘FAT32’ file system, but cannot copy or save large files (more than 4 GB).

A: The maximum file size of the ‘FAT32’ file system is 4 GB. You can split the file into different files with a ZIP utility (available on the internet) or format the hard disk using the ‘NTFS’ file system.

Q: My hard drive is not found in the Windows 'Disk Management?

A: Check if the hard disk enclosure is recognized as a 'USB Mass Storage device' in 'Device Management'. If not, try a different USB port or try using an external USB 2.0 hub. Also check and reconnect the cables inside the enclosure. If the problem still exists check if the enclosure with this hard drive on a different computer.

7.0 Service and support

This users manual has been carefully written by Eminent's technical experts.
If you have problems installing or using the product, please fill out the support form at the website www.eminent-online.com/support.

8.0 Warranty conditions

The five-year Eminent warranty applies to all Eminent products unless mentioned otherwise before or during the moment of purchase. When having bought a second-hand Eminent product the remaining period of warranty is measured from the moment of purchase by the product's first owner.
The Eminent warranty applies to all Eminent products and parts inextricably connected to and/or mounted on the main product. Power supply adapters, batteries, antennas and all other products not integrated in or directly connected to the main product and/or products of which, without reasonable doubt, can be assumed that wear and tear show a different pattern than the main product are not covered by the Eminent warranty. Products are not covered by the Eminent warranty when subjected to incorrect/improper use, external influences and/or when opened by parties other than Eminent.

9.0 Declaration of Conformity

To ensure your safety and compliance of the product with the directives and laws created by the European Commission you can obtain a copy of the Declaration of Conformity concerning your product by sending an e-mail message to: info@eminent-online.com. You can also send a letter to:

Eminent Computer Supplies
P.O. Box 276
6160 AG Geleen
The Netherlands

Clearly state 'Declaration of Conformity' and the article code of the product of which you would like to obtain a copy of the Declaration of Conformity.

EMINENT

WWW.EMINENT-ONLINE.COM

Trademarks: all brand names are trademarks and/or registered trademarks of their respective holders.
The information contained in this document has been created with the utmost care. No legal rights can be derived from these contents. Eminent cannot be held responsible, nor liable for the information contained in this document.

CE

Eminent is a member of the Intronics Group

EM7050 | 11-2009